$$\langle v^{'} v \rangle_{1-ir} = \qquad\qquad + \qquad\qquad \qquad\qquad (1)$$

$$\langle \theta^{'} \theta \rangle_{1-ir} = \qquad\qquad + \qquad\qquad \qquad\qquad (2)$$

$$\langle v^{'} vv \rangle_{1-ir} = \qquad + \qquad + \qquad + \qquad$$

$$\langle v^{'} \theta\theta \rangle_{1-ir} = \qquad + \qquad + \qquad + \qquad$$

$$\langle \theta\theta^{'} v \rangle_{1-ir} = \qquad + \qquad + \qquad + \qquad$$

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